

Title (en)
VEHICLE HEADLIGHT CONTROL DEVICE

Title (de)
FAHRZEUGSCHEINWERFERSTEUERUNGSVORRICHTUNG

Title (fr)
DISPOSITIF DE COMMANDE DE PHARE DE VÉHICULE

Publication
EP 3517363 A4 20191023 (EN)

Application
EP 17864692 A 20171019

Priority
• JP 2016207578 A 20161024
• JP 2017037856 W 20171019

Abstract (en)
[origin: EP3517363A1] A vehicle headlight control device is provided with: a pedestrian detection unit which detects a pedestrian; and a headlight control unit which controls an irradiation state of a headlight. When the pedestrian detection unit detects a pedestrian within an irradiation range of the headlight, the headlight control unit executes dimming control for controlling the irradiation state of the headlight so that a periphery of the pedestrian is dimmed. The pedestrian is irradiated with a part of a high beam or a low beam, or marking light emitted from a dedicated light source. A dimming region is formed around the pedestrian by the dimming control, and contrast in brightness between the pedestrian and his/her surroundings can be raised.

IPC 8 full level
B60Q 1/08 (2006.01); **B60Q 1/24** (2006.01)

CPC (source: EP US)
B60Q 1/085 (2013.01 - EP US); **B60Q 2300/45** (2013.01 - EP US)

Citation (search report)
• [XYI] JP 2014061747 A 20140410 - STANLEY ELECTRIC CO LTD
• [XYI] JP 2015143065 A 20150806 - DENSO CORP, et al & EP 3100908 A1 20161207 - DENSO CORP [JP], et al
• [Y] EP 2420986 A1 20120222 - KOITO MFG CO LTD [JP]
• [A] US 2016114720 A1 20160428 - SCHLAUG CHRISTOPH [DE], et al
• [A] DE 102009051485 A1 20100617 - DAIMLER AG [DE]
• [A] US 2012229028 A1 20120913 - ACKERMANN RALF [DE], et al
• See references of WO 2018079408A1

Cited by
EP4088970A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3517363 A1 20190731; EP 3517363 A4 20191023; CN 109906171 A 20190618; CN 109906171 B 20220607; JP 2018069748 A 20180510; JP 6311768 B1 20180418; US 10618458 B2 20200414; US 2020062168 A1 20200227; WO 2018079408 A1 20180503

DOCDB simple family (application)
EP 17864692 A 20171019; CN 201780065769 A 20171019; JP 2016207578 A 20161024; JP 2017037856 W 20171019; US 201716344114 A 20171019